

FIG. 1A

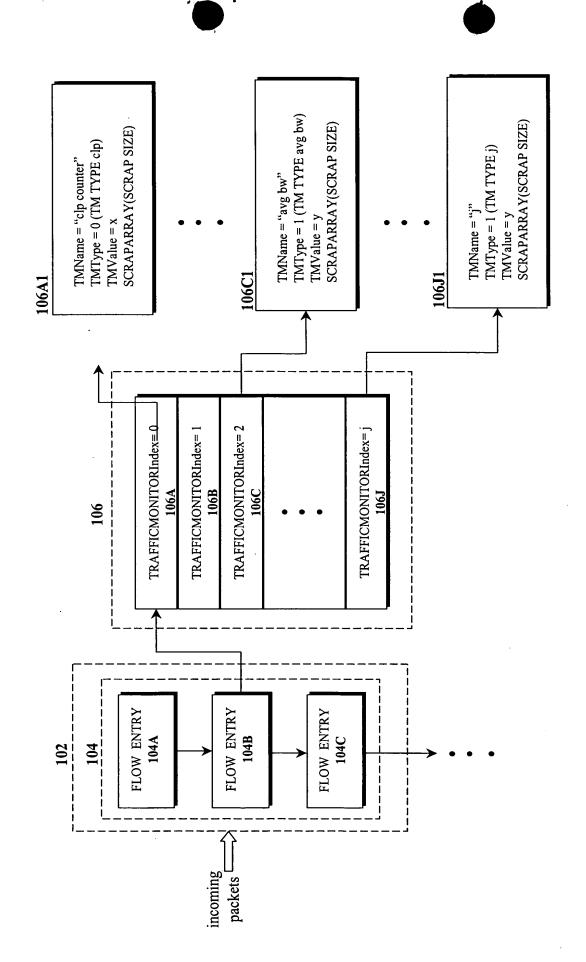
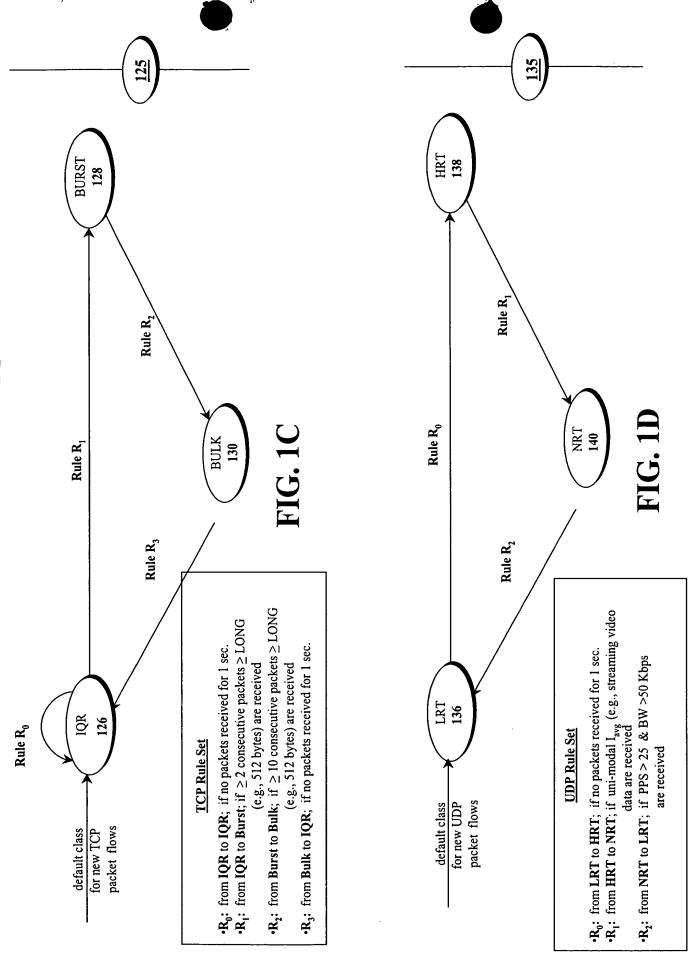
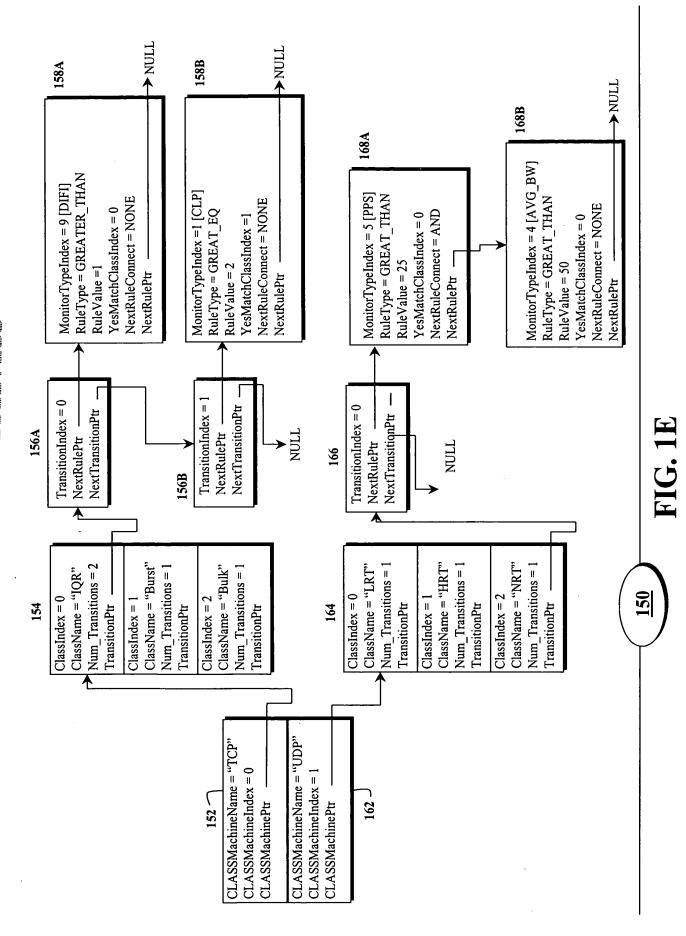


FIG. 1B





**•**5.

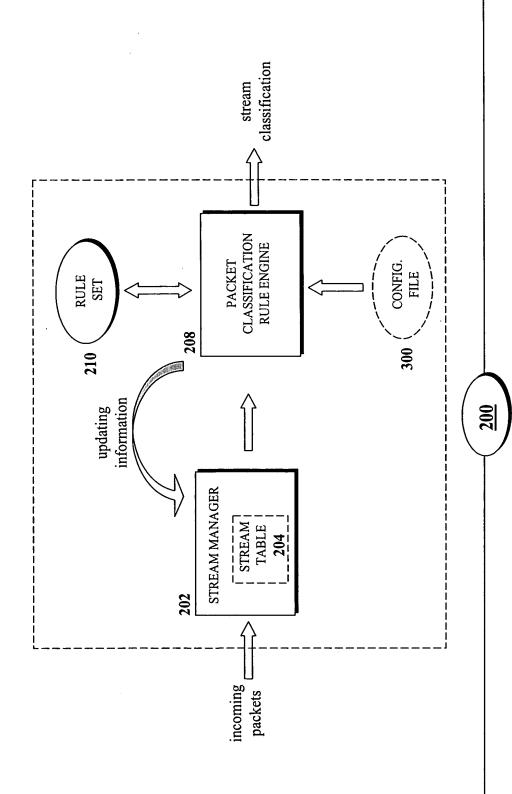
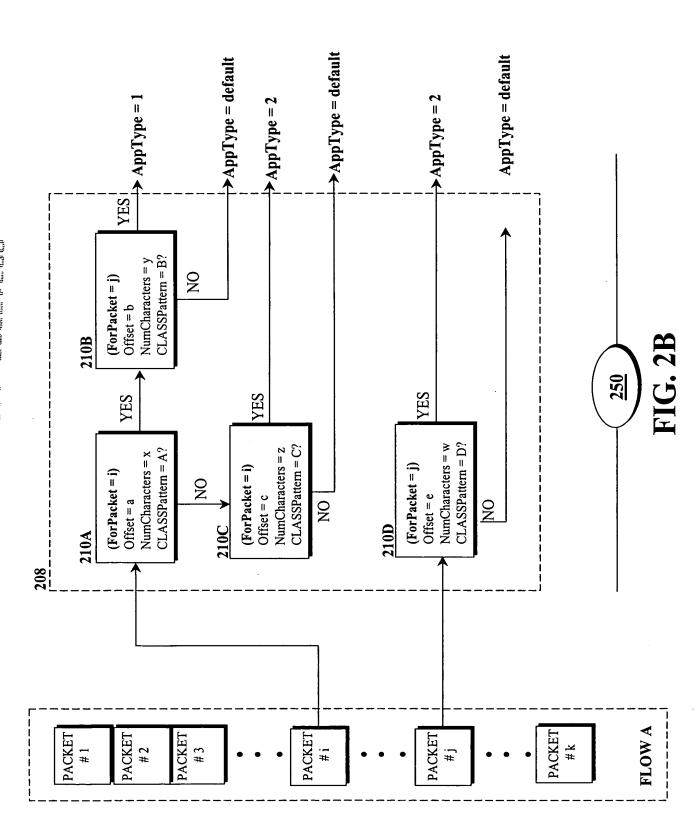


FIG. 2A



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## CLASSIFICATION RULE ENGINE CONFIGURATION FILE

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# These two queues use a bounded strict priority scheduler in which# the high priority queue can consume 70% of available bandwidth and# the low #priority queue can
                                                                                                                                                                                         #Enable the static Layer-7 classifier by default; Can change to Dynamic Classifier by changing the setting to policy dynamic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             consume all remaining bandwidth. The# low priority queue is the default queue.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 # Dynamic Classifier Rules - Transition from High to Low Priority Class
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             # Dynamic Classifier Rules - Transition from Low to High Priority Class
#Set the bps for port 1 to 10Mbps and port 2 to 5Mbps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      dynamicRule low high AND NOT belowThresh 93;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             dynamicRule high low OR NOT belowThresh 85;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      # Search first 10 bytes of first packet for pattern
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        # MBase Application: UDP, high priority class
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  appRule mbase 1 pattern "meDIabASe" 0 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            dynamicRule high low OR belowThresh 93;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             dynamicRule low high OR belowThresh 85;
                                                                                                                                                                                                                                                                                                                                       # Define 2 classes of Traffic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        application mbase 17 high;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     queue low 100 default;
                                               bandwidth 1 10000000;
                                                                                        bandwidth 2 5000000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            queue high 70;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               scheduler bsp {
                                                                                                                                                                                                                                            policy static;
                                                                                                                                                                                                                                                                                                                                                                                   class high;
                                                                                                                                                                                                                                                                                                                                                                                                                                     class low;
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FIG. 3